

## ABSTRACT OF THE DISCLOSURE

5 A catalyst composition and method for olefin polymerization are provided. In one aspect, the catalyst composition is represented by the formula  $\alpha_a\beta_b\gamma_gMX_n$  wherein M is a metal; X is a halogenated aryloxy group;  $\beta$  and  $\gamma$  are groups that each comprise at least one Group 14 to Group 16 atom;  $\alpha$  is a linking moiety that forms a chemical bond to each of  $\beta$  and  $\gamma$ ; and a, b, g, and n are each integers from 1 to 4.